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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|-------------------------------|------------------------|
| 09/666,642 | 09/21/2000 | Hu Yang | 2039.008200 | 9201 |
| 32223 7590 05/14/2007 CHEVRON PHILLIPS CHEMICAL COMPANY LP LAW DEPARTMENT - IP P.O BOX 4910 THE WOODLANDS, TX 77387-4910 | | | EXAMINER MULLIS, JEFFREY C | |
| | | | ART UNIT 1711 | PAPER NUMBER |
| | | | MAIL DATE 05/14/2007 | DELIVERY MODE PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Supplemental Notice of Allowability

Application No.

09/666,642

Examiner

Jeffrey C. Mullis

Applicant(s)

YANG ET AL.

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1711

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1-30-07.
2. ☒ The allowed claim(s) is/are 1-4, 11, 15-30, 37, 41-63, 65, 66, 70-73, 80, 84-91, 98 and 102-115.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

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An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

In the specification—

Amend the specification at page 7, lines 1-10 as shown below--

The oxygen barrier polymer is any polymer generally viewed as providing a barrier to oxygen passage, e.g. a 1 mil layer consisting essentially of the oxygen barrier polymer has an oxygen transmission rate of less than about 100 cc/m²/day at room temperature under 1 atm O₂ and 0% humidity. Preferably, the oxygen barrier polymer is selected from polymers or copolymers of vinyl alcohol (such as ethylene/vinyl alcohol copolymer (EVOH)), polyesters (such as polyethylene terephthalate (PET) or polyethylene naphthalate (PEN)), polymers or copolymers of vinylidene dichloride (such as polyvinylidene dichloride (PVDC)), polymers or copolymers of epoxies, polysulfones, polymers or copolymers of acrylonitrile (such as polyacrylonitrile (PAN)), polymers or copolymers of isocyanates, or polyamides other than MXD6. In one preferred embodiment, the oxygen barrier polymer is poly(ethylene vinyl alcohol) (EVOH). In still another preferred embodiment, the oxygen barrier polymer is polyacrylonitrile (PAN) or a copolymer comprising acrylonitrile. In a further preferred embodiment, the oxygen barrier polymer is poly(vinylidene dichloride) (PVDC). In yet an additional preferred embodiment, the oxygen barrier polymer is polyethylene terephthalate (PET). In yet a further preferred embodiment, the oxygen barrier polymer is polyethylene naphthalate (PEN). In still an additional preferred embodiment, the oxygen barrier polymer is a polyamide other than MXD6. The polyamide can be aliphatic or aromatic. Preferred polyamides include nylon 6; nylon 6,6; amorphous polyamide; and nylon 6,12.

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Authorization for this examiner's amendment was given in a telephone interview with KaRan Reed on 4-16-07.

JCM

4-10-07

JEFFREY C. MULLIS
PRIMARY EXAMINER
GROUP 1288-1711
